



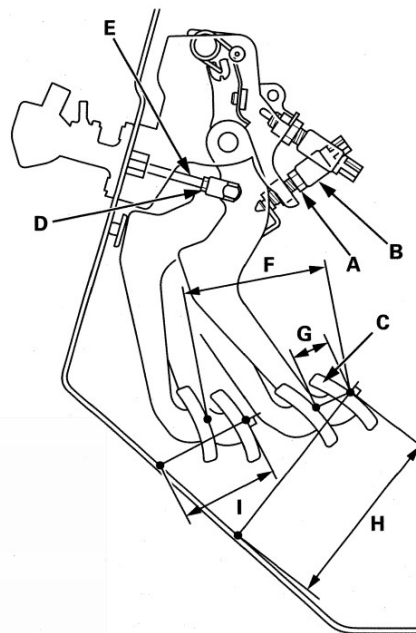
## Clutch Pedal, Clutch Pedal Position Switch, and Clutch Interlock Switch Adjustment

### NOTE:

- For a cruise control problem, check the clutch pedal position switch (see page 4-48).
- For a clutch interlock operation problem, check the clutch interlock switch (see page 4-8).
- Remove the driver's floor mat before adjusting the clutch pedal.
- If there is no clearance between the master cylinder piston and the push rod, the release bearing will be held against the diaphragm spring, which can result in clutch slippage or other clutch problems.
- Without cruise control: The adjusting bolt is substituted as clutch pedal position switch. The clutch pedal height adjustment is same procedure as with the clutch pedal position switch.

1. Disconnect the clutch pedal position switch connector and the clutch interlock switch connector.

2. Loosen the clutch pedal position switch locknut (A), and back off the clutch pedal position switch (B) until it no longer touches the clutch pedal (C).



3. Loosen the master cylinder pushrod locknut (D), and turn the pushrod (E). Measure the clutch pedal stroke (F).

(F) Clutch Pedal Stroke:  
120–130 mm (4.72–5.12 in)

(G) Clutch Pedal Free Play (Reference):  
4.1–17.4 mm (0.161–0.685 in)

(H) Clutch Pedal Height (Reference):  
150 mm (5.91 in)

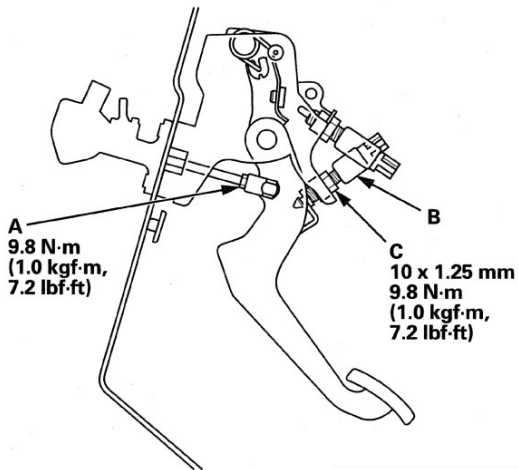
(I) Clutch Pedal Disengagement Height  
(Minimum to the floor) (Reference):  
75.7 mm (2.98 in)

(cont'd)

# Clutch

## Clutch Pedal, Clutch Pedal Position Switch, and Clutch Interlock Switch Adjustment (cont'd)

4. Tighten the master cylinder pushrod locknut (A).

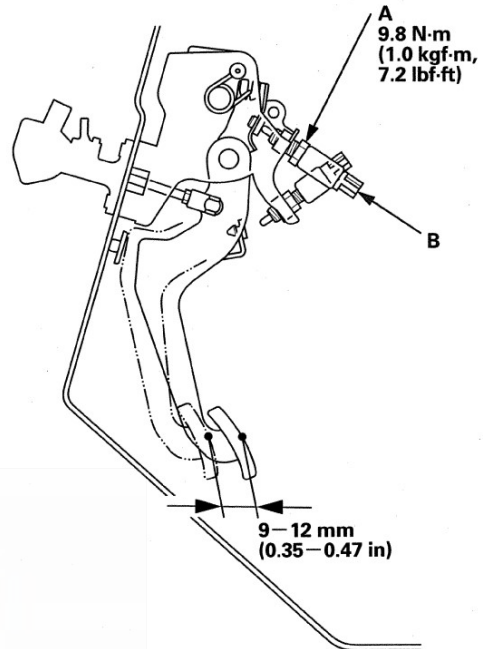


5. With the clutch pedal released, turn in the clutch pedal position switch (B) until it contacts the clutch pedal.

6. Turn in the clutch pedal position switch an additional 3/4 to 1 turn. Make sure the clutch pedal height did not change.

7. While holding the clutch pedal position switch, tighten the locknut (C).

8. Loosen the clutch interlock switch locknut (A).



9. Fully press the clutch pedal to the floor, then release the clutch pedal 9–12 mm (0.35–0.47 in) and hold it there.

10. Adjust the position of the clutch interlock switch (B) so the engine starts with the clutch pedal in this position.

11. While holding the clutch interlock switch, tighten the locknut.

12. Check the clutch operation.

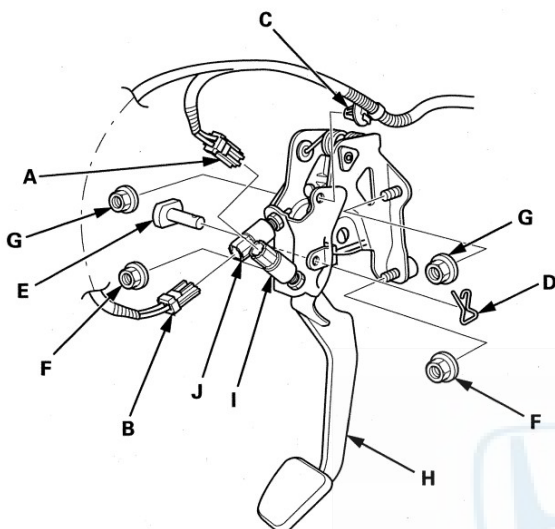
13. Connect the clutch pedal position switch connector and the clutch interlock switch connector, then check the cruise control and clutch interlock operation.



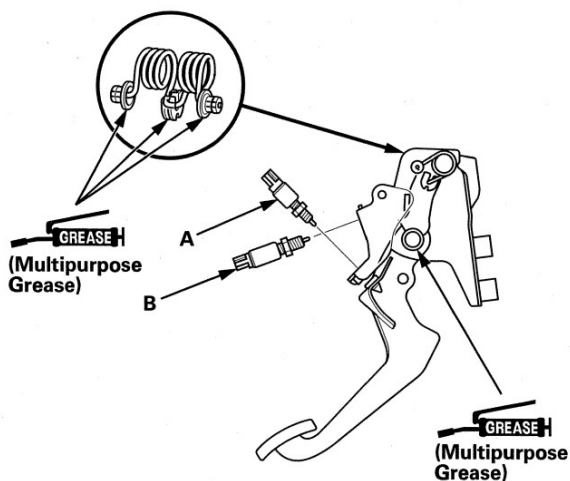
## Clutch Pedal Assembly Replacement

NOTE: Without cruise control: The adjusting bolt is substituted as clutch pedal position switch.

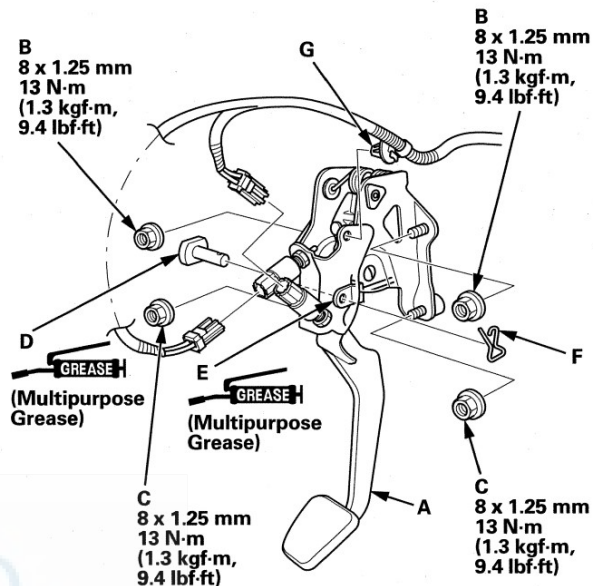
1. Disconnect the clutch pedal position switch connector (A) and the clutch interlock switch connector (B). Remove the harness clip (C).



2. Pry out the lock pin (D), and pull the clevis pin (E) out of the clevis.
3. Remove the master cylinder mounting nuts (F) and clutch pedal mounting nuts (G).
4. Remove the clutch pedal assembly (H).
5. Remove the clutch pedal position switch (I) and the clutch interlock switch (J).
6. Loosely install the clutch pedal position switch (A) and the clutch interlock switch (B).



7. Install the clutch pedal assembly (A).



8. Install the clutch pedal mounting nuts (B) and the master cylinder mounting nuts (C).
9. Apply multipurpose grease to the clevis pin (D) and the mating surfaces (E) of the clevis and the pedal. Slide the clevis pin into the clevis, then install the lock pin (F).
10. Adjust the clutch pedal, the clutch pedal position switch, and the clutch interlock switch (see page 12-5).

NOTE: Connect the switch connectors after adjusting them.

11. Install the harness clip (G).
12. Check the clutch operation.